

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/609,578	(06/30/2000 Roger K. Kulle		12465US01	1790	
	7590 05/10/2004			EXAMINER		
Joseph M Barich			EASTHOM, KARL D			
McAndrews I	Held & M	Ialloy Ltd				
500 West Madison Street			ART UNIT	PAPER NUMBER		
34th Floor			2832			
Chicago, IL 60661-2511			DATE MAILED: 05/10/2004			

DATE MAILED: 05/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PART B - FEE(S) TRANSMITTAL

2 3 2006 ul Complete and send this form, together with applicable fee(s), to: Mail PADEMAR

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block !)

01/21/2004

Joseph M Barich McAndrews Held & Malloy Ltd 500 West Madison Street 34th Floor Chicago, IL 60661-2511

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

EXPLESS Mail NO. EV 304940347 US
Certificate of Malling or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Viek A Wandar Loost	··
Kirk A. Wander Leest	(Depositor's name)
ah who he had	(Signature)
February 13, 2004	(Date)

				ĺ	5hllm	la lu		(Signature)
				February 1	13, 20	04	(Dase)	
APPLICATION NO.	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.		CONFIRMATION NO.	
09/609,578	09/609,578 06/30/2000		Roger K. Kulle		12465US01		1790	
TITLE OF INVENTION: D	ual magnet hall eff	ECT SWITCH						
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PU	BLICATION FEE	тот	AL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665			\$0	\$665		04/21/2004
EXAM	IINER	ART UN	ART UNIT CLASS-SUBCLASS		ASS-SUBCLASS	7		
EASTHON	EASTHOM, KARL D				338-320000	J		
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. O "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required.			agent) and the names of up to 2 registered patent					
PLEASE NOTE: Unless been previously submitte (A) NAME OF ASSIGN		ow, no assignee d submitted under se (E	ata will apper parate cover. 3) RESIDENC	ar on the Completi CE: (CIT)	** *	UNTRY)	ata is only appropri ute for filing an ass ARPENTERSV	ate when an assignment has ignment.
	assignee category or catego				O individual 3	corporatio	n or other private g	roup entity O government
4a. The following fee(s) are	enclosed:	41	. Payment of	Fee(s):				
🗗 issue Fee			🛮 A check is	n the amo	unt of the fee(s) is en	closed.		
O Publication Fee	The state of the s						1	
Advance Order - # of	O Advance Order - # of Copies Series Series Series Additional Series Additional Series Additional Series Additional Series						credit any overpayment, to copy of this form).	
Director for Patents is reque	sted to apply the Issue Fee a	nd Publication Fee	(if any) or to	re-apply	any previously paid	issue fee to	the application ide	entified above.
other than the applicant:	. 1	ent; or the assign	Nó. 34, cepted from	anvoné	02/18/2004 AA 01 FC:2501	DOFO2 (00000160 09609	578 665.00 @

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

d0 00°S99

01 FC:2501

08/11/5004 KbINKNEX 00000004 0AP0A2/R

TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (Rev. 11/03) Approved for use through 04/30/2004.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PARI D - FEE(S) IRANSIMIIIAL

. Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This for appropriate. All further corindicated unless corrected by maintenance fee notification	rm should be used for tran respondence including the l below or directed otherwise as.	smitting the ISSU Patent, advance or in Block 1, by (a	JE FEE and PUBLIC ders and notification) specifying a new c	CATION FEE (if requ of maintenance fees v orrespondence address	ired). Blocks I through 5 s will be mailed to the current ; and/or (b) indicating a sepa	hould be completed where correspondence address as arate "FEE ADDRESS" for	
	E ADDRESS (Note: Use Block 1 for 90 01/21/2004	any change of address)		ree(s) Transmittal, It	mailing can only be used for his certificate cannot be used al paper, such as an assignme e of mailing or transmission.	tor any other accompanying	
Joseph M Barich McAndrews Held & 500 West Madison 34th Floor	•			Ce I hereby certify that the States Postal Service addressed to the Ma transmitted to the USI	rtificate of Mailing or Trans his Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the c	smission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.	
Chicago, IL 60661-	-2511		•			(Depositor's name)	
						(Signature)	
			•			(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/609,578	06/30/2000		Roger K. Kulle		12465US01	1790	
TITLE OF INVENTION: D	UAL MAGNET HALL EFF	ECT SWITCH					
APPLN. TYPE	SMALL ENTITY	ISSUE FI	ISSUE FEE PUBLICATION FEE		TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	YES	YES \$665		\$0	\$665	04/21/2004	
EXAM	· ART UN	IIT C	LASS-SUBCLASS]			
* EASTHOM	2832		338-320000	•			
Address form PTO/SB/12	ence address (or Change of C	Correspondence	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is				
Number is required.	or more recent) attached. Ose	of a Customer	listed, no name wi	Il be printed.	110 Harrie 13 3		
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (print	or type)			
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appear on t T a substitute for filin	he patent. If an assign g an assignment.	nee is identified below, the d	locument has been filed for	
(A) NAME OF ASSIGNEE			B) RESIDENCE: (CIT	Y and STATE OR CO	UNTRY)		
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the patent);	🗖 individual 🚨	corporation or other private g		
4a. The following fee(s) are	enclosed:	4b	p. Payment of Fee(s):		d0 00°299	01 FC:2501	
☐ Issue Fee			A check in the amount of the fee(s) is enclosed. 8/250960 \$\text{4000000 k3NNIdX}\$ \$\text{4002}/21/80				
☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
Advance Order - # 01	Copies		Deposit Account Nu		(enclose an extra c		
5. Change in Entity Status	•					-	
a. Applicant claims SN	MALL ENTITY status. See 3	7 CFR 1.27.	☐ b. Applicant is no	t claiming SMALL EN	TITY status. See, e.g., 37 CF	R 1.27(g)(2).	
					ly paid issue fee to the applications is tered attorney or agent; or t		
(Authorized Signature)	omica diatos I att	(Date)					
This collection of informatic an application. Confidential submitting the completed at this form and/or supported and the completed at this form and/or supported at the completed at the complete and the complete at the com	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. oplication form to the USPT of for reducing this burden of	11. The information 122 and 37 CFR O. Time will vary	on is required to obtain 1.14. This collection depending upon the	n or retain a benefit by is estimated to take 12 individual case. Any c	the public which is to file (an minutes to complete, includi omments on the amount of ti	d by the USPTO to process) ng gathering, preparing, and me you require to complete the system of Commerce P.O.	

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.